



# **View cluster performance with System Manager**

**ONTAP 9**

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# View cluster performance with System Manager

## Cluster performance overview with System Manager

The topics in this section show you how to manage cluster health and performance with System Manager in ONTAP 9.7 and later releases.

The System Manager Dashboard provides the following performance information:

- **Health:** You can monitor the health of a cluster. Alerts are shown when problems arise.
- **Capacity:** System Manager shows you the available capacity on the cluster.
- **Performance:** You can monitor how well the cluster is performing, based on latency, IOPS, and throughput. The metrics are graphed every 15 seconds by hour, day, week, month, or year.
- **Network:** You can view how the network is configured with hosts and storage objects. You can view the number of ports that are available and the interfaces and storage VMs that are associated with them.

## View performance on cluster dashboard

Use the dashboard to make informed decisions about workloads you might want to add or move. You can also look at peak usage times to plan for potential changes.

The performance values refresh every 3 seconds and the performance graph refreshes every 15 seconds.

### Steps

1. Click **Dashboard**.
2. Under **Performance**, select the interval.

## Identify hot volumes and other objects

Accelerate your cluster performance by identifying the frequently accessed volumes (hot volumes) and data (hot objects).


### Steps

1. Click **Storage > Volumes**.
2. Filter the IOPS, latency, and throughput columns to view the frequently accessed volumes and data.

## Modify QoS

Beginning with ONTAP 9.8, when you provision storage, QoS is enabled by default. You can disable QoS or choose a custom QoS policy during the provisioning process. You can also modify QoS after your storage has been provisioned.

### Steps

1. In System Manager, click **Storage** and select **Volumes**.
2. Next to the volume for which you want to modify QoS, click  and select **Edit**.

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